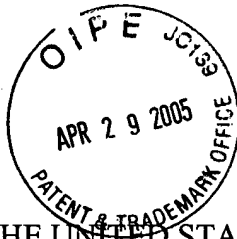


03500.015739.



*1 for*  
*Case*  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: )  
: Examiner: Lam Nguyen  
NOBUYUKI MATSUMOTO ET AL. )  
: Art Unit: 2853  
Appln. No.: 09/944,137 )  
:   
Filed: September 4, 2001 )  
:   
For: LIQUID DISCHARGE HEAD, LIQUID )  
DISCHARGE APPARATUS, VALVE )  
PROTECTION METHOD OF THE )  
SAME LIQUID DISCHARGE HEAD )  
AND MAINTENANCE SYSTEM )  
:   
U.S. Patent No.: US 6,827,416 B2 )  
:   
Issued: December 7, 2004 ) April 28, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF CORRECTION  
UNDER RULES 322 AND 323

Sir:

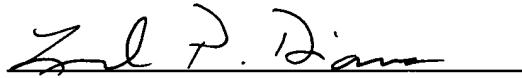
It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

05/02/2005 HDEST61 00000070 6827416  
01 FC:1811 100.00 0P

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Leonard P. Diana", is written over a horizontal line.

Leonard P. Diana  
Attorney for Patentees  
Registration No. 29,296

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200  
NY\_Main 492581v1

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**CERTIFICATE OF CORRECTION**

PATENT NO. : US 6,827,416 B2

DATED : December 7, 2004

INVENTOR(S) : NOBUYUKI MATSUMOTO ET AL.

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 1:

Line 15, "a" should read --the--;

Line 18, "accompanied" should read --in response to--;

Line 19, "by" should be deleted;

Line 26, "giving" should read --application of--; and "allowed to" should read  
--caused to undergo--;

Line 27, "produce" should be deleted;

Line 34, "discharge" should read --discharging--;

Line 39, "a" should be deleted;

Line 42, "in" should read --at a--;

Line 48, "even come to be used as far as" should read --has even come to be  
used--;

Line 61, "high quality" should read --a high-quality--; and

Line 63, "forgiving an" should read --for providing a--.

COLUMN 2:

Line 26, "liquid" should read --of the liquid--; and

Line 29, "y" should be deleted.

MAILING ADDRESS OF SENDER:

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Page 2 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 3:

Line 1, "an" should be deleted;  
Line 58, "Each configuration" should read --The configurations--;  
Line 59, "an" should read --a--; and  
Line 66, "8 and the" should read --8 and--; and "as" should be deleted.

COLUMN 4:

Line 9, "to" should read --at--;  
Line 26, "as" should read --as a--;  
Line 37, "were" should read --was--; and  
Line 46, "its" should read --it's--.

COLUMN 5:

Line 24, "that" should be deleted;  
Line 28, "in creases" should read --increases--;  
Line 39, "the" should read --a--;  
Line 50, "defect," should read --defect.--;  
Line 53, "can" should read --to--; and "the" should be deleted; and  
Line 57, "the" should be deleted.

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Page 3 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 6:

Line 39, "discharge" should read --discharging--;  
Line 49, "relates to" should read --includes--; and  
Line 60, "relates to" should read --includes--.

COLUMN 7:

Line 25, "and like" should be deleted.

COLUMN 8:

Line 11, "head" should read --head)--;  
Line 30, "a" should be deleted;  
Line 49, "the material of" should read --a material of the--;  
Line 62, "member" should read --members--; and  
Line 63, "to" should be deleted.

COLUMN 9:

Line 1, "ember" should read --member--;  
Line 2, "an" should read --a--;  
Line 4, "heart" should read --heat--;  
Line 6, "to" should read --of--;  
Line 33, "to" should read --in--; and  
Line 39, "a" should be deleted.

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Page 4 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 10:

Line 6, "with the result of" should read --if the result of detection indicates--;  
and  
Line 16, "show the" should read --are--.

COLUMN 11:

Line 1, "element" should read --elements--;  
Line 6, "tens" should read --tens of--;  
Line 22, "an" should read --a--; and  
Line 23, "damages of" should read --damage to--.

COLUMN 12:

Line 33, "at" should read --in--; and  
Line 61, "inch" should read --inches--.

COLUMN 14:

Line 11, "a" should be deleted;  
Line 24, "disk" should read --disks--;  
Line 35, "disk," should read --disks,--;  
Line 37, "a" should be deleted;  
Line 39, "a" should be deleted;  
Line 40, "a" should be deleted; and  
Line 41, "a" should be deleted.

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Page 5 of 5

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COLUMN 15:

Line 2, "and the" should read --and--; and

Line 4, "to" should read --on--.

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